

SEQUENCE LISTING

- <110> BioInside Gesellschaft für Biodiagnostik, Auftragsforschung und Consulting mbH
- <120> Test kit and method for quantitatively detecting genetically modified DNA in foodstuff by means of fluorescence-coupled PCR
- <130> PCT/EP00/  
<140> PCT/EP00/  
<141> 2000-02-07
- <150> DE 199 06 169.6  
<151> 1999-02-08  
<160> 25  
<170> PatentIn Ver. 2.1
- <210> 1  
<211> 240  
<212> DNA  
<213> Artificial sequence
- <220>  
<223> Description of artificial sequence: Roundup soy gene (RRS gene)  
<400> 1  
gtcttcaaag caagtggatt gatgtgatat ctccactgac gtaagggatg acgcacaatc 60  
ccactatcct tcgcaagacc cttoctctat ataaggaagt tcatttcatt tggagaggac  
120  
acgctgacaa gctgactcta gcagatcttt caagaatggc acaaattaac aacatggctc  
180  
aagggatata aacccttaat cccaattoca atttcataa accccaagtt cctaaatctt  
240
- <210> 2  
<211> 24  
<212> DNA  
<213> Artificial sequence
- <220>  
<223> Description of artificial sequence: probe



<210> 2a  
 <211> 24  
 <212> DNA  
 <213> Artificial sequence

<220>  
 <223> Description of artificial sequence: probe  
 <400> 2a

cccactatcc ttcgcaagac cctt 24

<210> 3  
 <211> 21  
 <212> DNA  
 <213> Artificial sequence

<220>  
 <223> Description of artificial sequence: primer  
 <400> 3

catttgagga ggacacgctg a 21

<210> 3a  
 <211> 21  
 <212> DNA  
 <213> Artificial sequence

<220>  
 <223> Description of artificial sequence: primer  
 <400> 3a

ctgacgtaag ggatgacgca c 21

<210> 4  
 <211> 23  
 <212> DNA  
 <213> Artificial sequence

<220>  
 <223> Description of artificial sequence: primer  
 <400> 4

gggtttgtat cccttgagcc atg 23

<210> 4a  
<211> 24  
<212> DNA  
<213> Artificial sequence

<220>

<223> Description of artificial sequence: primer

<400> 4a

aagatctgct agagtcagct tgtc 24

<210> 5  
<211> 24  
<212> DNA  
<213> Artificial sequence

<220>

<223> Description of artificial sequence: probe

<400> 5

cttcaccttc tatgcccctg acac 24

<210> 6  
<211> 22  
<212> DNA  
<213> Artificial sequence

<220>

<223> Description of artificial sequence: primer

<400> 6

gccctctact ccacccccat cc 22

<210> 6a  
<211> 21  
<212> DNA  
<213> Artificial sequence

<220>

<223> Description of artificial sequence: primer

<400> 6a

cgttgccagc ttgcgcgtt c 21

<210> 7  
<211> 23  
<212> DNA  
<213> Artificial sequence

<220>  
<223> Description of artificial sequence: primer  
<400> 7  
gaaggcaagc ccattctgcaa gcc 23

<210> 8  
<211> 142  
<212> DNA  
<213> Artificial sequence

<220>  
<223> Description of artificial sequence: target IAC DNA for the RRS gene  
<400> 8  
catttgagaga ggacacgctg aggacgttcg ccaatttttcg cctcccacgt ctcaccgagc 60  
gtgggtgttta cgaagggtttt acgtttttccc gtatcccctt tcgtttttcat ccagtctttc 120  
atggctcaag ggatacaaac cc 142

<210> 8a  
<211> 143  
<212> DNA  
<213> Artificial sequence

<220>  
<223> Description of artificial sequence: target IAC DNA for the RRS gene  
<400> 8a  
ctgacgtaag ggatgacgca cggacgttcg ccaatttttcg cctcccacgt ctcaccgagc 60  
gtgggtgttta cgaagggtttt acgtttttccc gtatcccctt tcgtttttcat ccagtctttg 120  
acaagctgac tctagcagat ctt 143

<210> 9  
<211> 21  
<212> DNA  
<213> Artificial sequence

<220>

<223> Description of artificial sequence: probe

<400> 9

tcgcctccca cgtctcaccg a 21

<210> 10

<211> 150

<212> DNA

<213> Artificial sequence

<220>

<223> Description of artificial sequence: reference IAC DNA for the RRS gene

<400> 10

gccctctact ccacccccat cggacgttc gccaattttc gcctcccacg ttcaccgag 60  
cgtggtgttt acgaagggtt tacgttttcc cgtatcccct ttcgttttca tccagtcttt 120  
gacaatcggc ttgcagatgg gcttgccttc 150

<210> 10a

<211> 149

<212> DNA

<213> Artificial sequence

<220>

<223> Description of artificial sequence: reference IAC DNA for the RRS gene

<400> 10a

cgttgccagc ttcgccgctt cggacgttcg ccaattttcg cctcccacgt ctcaccgagc 60  
gtggtgttta cgaagggttt acgttttccc gtatcccctt tcgttttcat ccagtctttg 120  
acaatcggct tgcagatggg cttgccttc 149

<210> 11

<211> 250

<212> DNA

<213> Artificial sequence

<220>

<223> Description of artificial sequence: lectin gene

<400> 11

gggaaagtta caactcaata aggttgacga aaacggcacc ccaaaaccct cgtctcttgg 60  
tcgcgccttc tactccaccc ccattccacat ttgggacaaa gaaaccggta gcgttgccag 120

cttcgccgct tccttcaact tcaccttcta tgccccctgac acaaaaaggc ttgcagatgg 180  
gcttgccttc tttctcgac caattgacac taagccacaa acacatgcag gttatcttgg 240  
tcttttcaac 250

<210> 12  
<211> 21  
<212> DNA  
<213> Artificial sequence

<220>  
<223> Description of artificial sequence: probe  
<400> 12  
atgtccacca ggcccagcac g 21

<210> 13  
<211> 21  
<212> DNA  
<213> Artificial sequence

<220>  
<223> Description of artificial sequence: primer  
<400> 13  
cccatcgaca tcagcctgag c 21

<210> 14  
<211> 20  
<212> DNA  
<213> Artificial sequence

<220>  
<223> Description of artificial sequence: primer  
<400> 14  
caggaaggcg tcccactggc 20

<210> 15  
<211> 23  
<212> DNA  
<213> Artificial sequence

<220>

<223> Description of artificial sequence: probe

<400> 15

ccacctcttc taccagtga acc

23

<210> 16

<211> 21

<212> DNA

<213> Artificial sequence

<220>

<223> Description of artificial sequence: primer

<400> 16

cgctgtatca caagggtgg t

21

<210> 17

<211> 20

<212> DNA

<213> Artificial sequence

<220>

<223> Description of artificial sequence: primer

<400> 17

agcggtaggt gcagccagtg

20

<210> 18

<211> 136

<212> DNA

<213> Artificial sequence

<220>

<223> Description of artificial sequence: target IAC DNA for the Bt-176  
maize gene

<400> 18

cccacgcaca tcagcctgag cgcttcgcaa ttttcgcctc ccacgtctca ccgagcgtgg 60

tggtttacgaa ggttttacgt tttcccgat cccctttcgt tttcatccag tcttttgcca 120

gtgggacgcc ttccctg 136

<210> 19

<211> 136

<212> DNA



<220>

<400> 19

```
cgctgatatca caagggctgg tgttcgccaa ttttcgcctc ccacgtctca cggagcgtgg 60
tgtttacgaa ggttttacgt tttcccgat cccctttcgt tttcatccag tcttttctact 120
ggctgcacct accgct                                     136
```